

PROBLEM SOLVING IN

GIANT PROJECTS

START UP



ROSETTI MARINO
Group of Companies



GIANT PROJECTS

HUGE INCREASE IN BUDGET COSTS

UNACCEPTABLE DELAY IN PROJECT DELIVERY

INCREASE IN RIGIDITY OF PROCEDURES AND STANDARDS

GENERAL INCREASE IN COSTS FOR ALL OIL&GAS PROJECTS

STAGNATION IN OIL&GAS INVESTMENTS DURING OIL LOW-PRICE PERIODS

«BOOSTING EFFECT» IN PRODUCTION COST FOR ENERGY COMPANIES



**IMPACT
ON LONG-TERM
ENERGY
STRATEGIES**

**HUGE INCREASE IN
BUDGET COSTS**

**UNACCEPTABLE DELAY IN
PROJECT DELIVERY**

**INCREASE IN RIGIDITY
OF PROCEDURES AND
STANDARDS**

**GENERAL INCREASE IN
COSTS FOR ALL OIL&GAS
PROJECTS**

**STAGNATION IN
OIL&GAS INVESTMENTS
DURING OIL LOW-PRICE
PERIODS**

**«BOOSTING EFFECT» IN
PRODUCTION COST FOR
ENERGY COMPANIES**



WHY ARE

GIANT PROJECTS

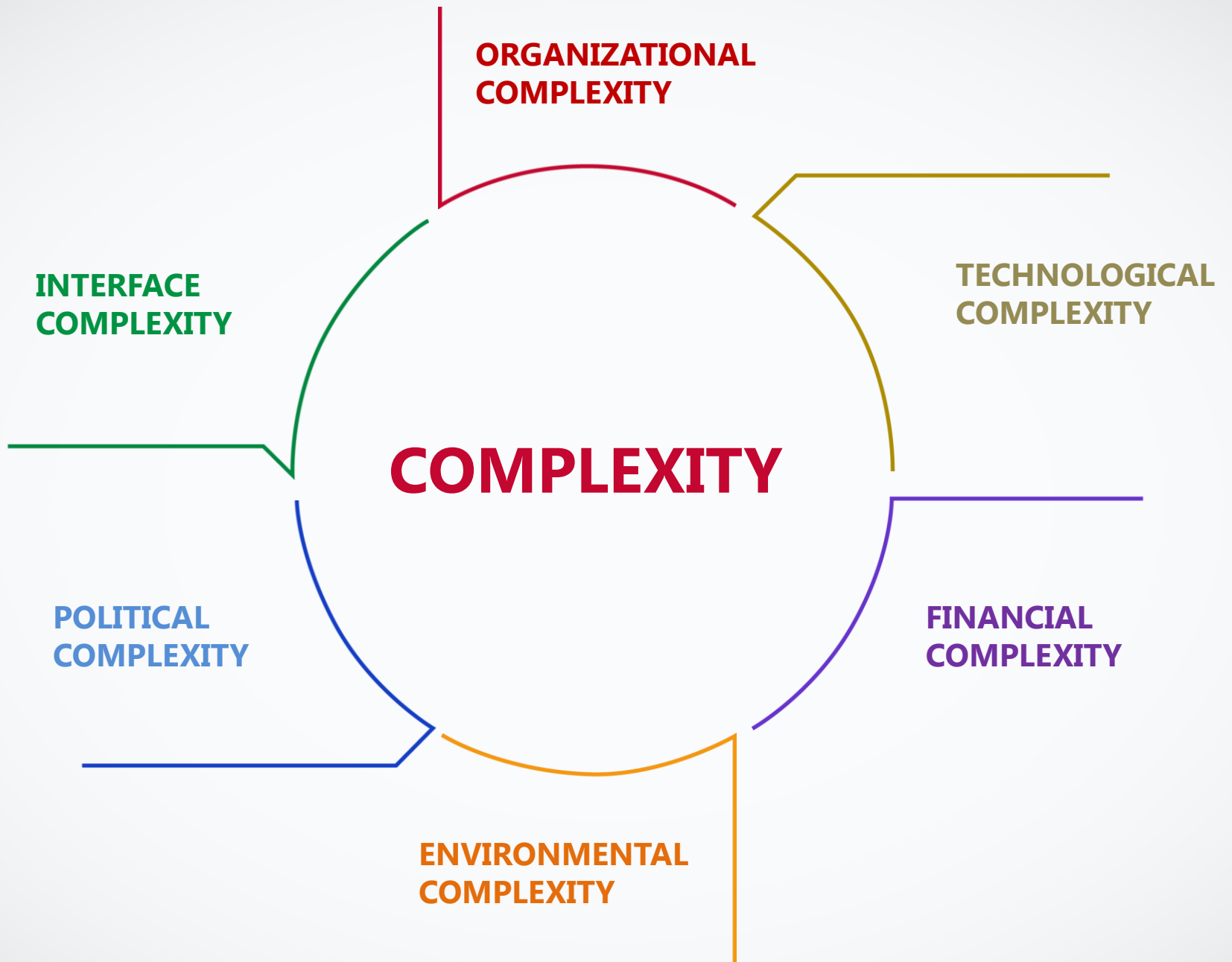
SUBJECT TO THESE PROBLEMS AND

**IMPACT SO HARDLY ON THE
ENERGETIC CHOICES OF LONG-TERM**





COMPLEXITY



HOW

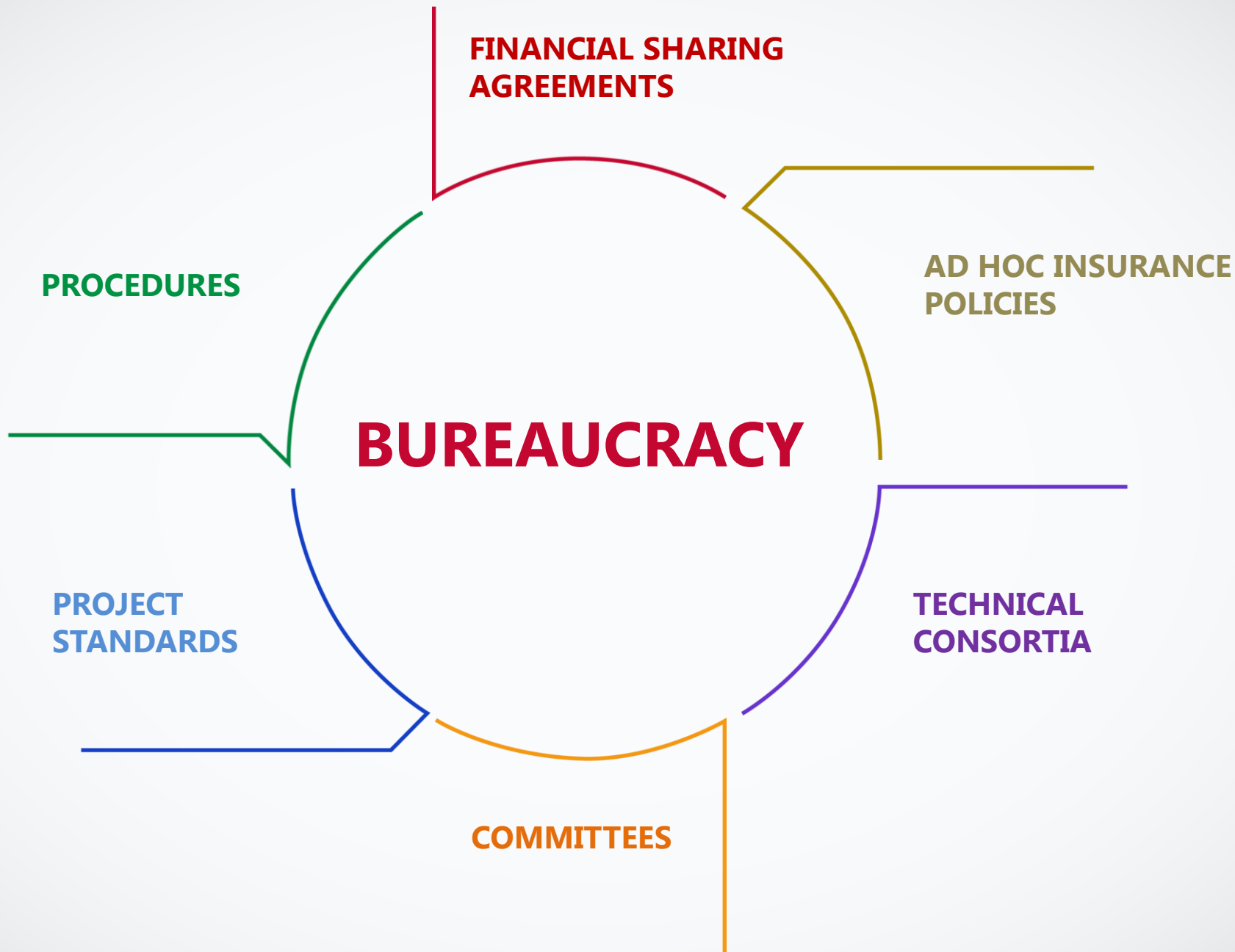


**DO COMPLEX ORGANIZATIONS
FACE THIS COMPLEXITY**





BUREAUCRACY

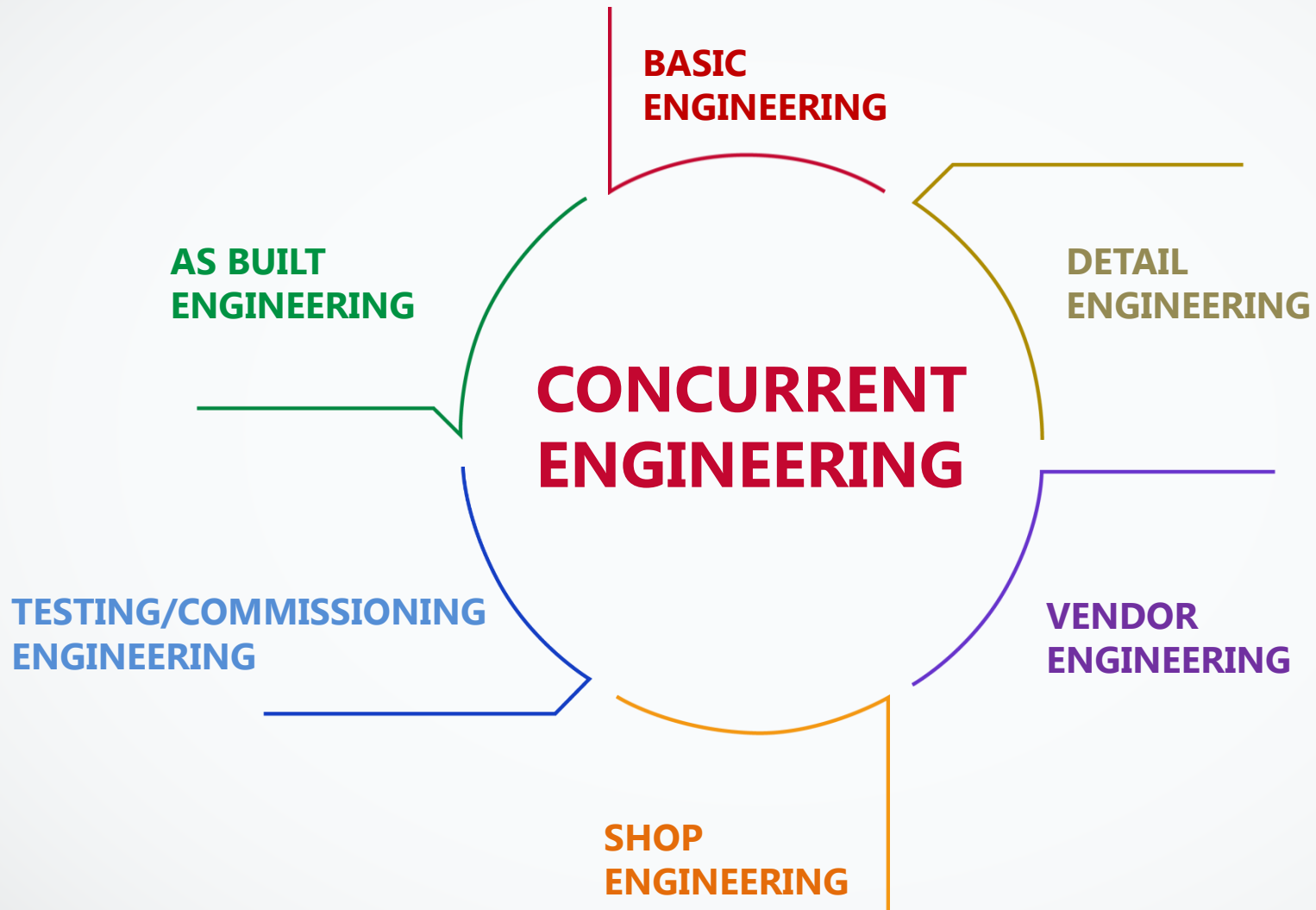


GOLIAT FPSO

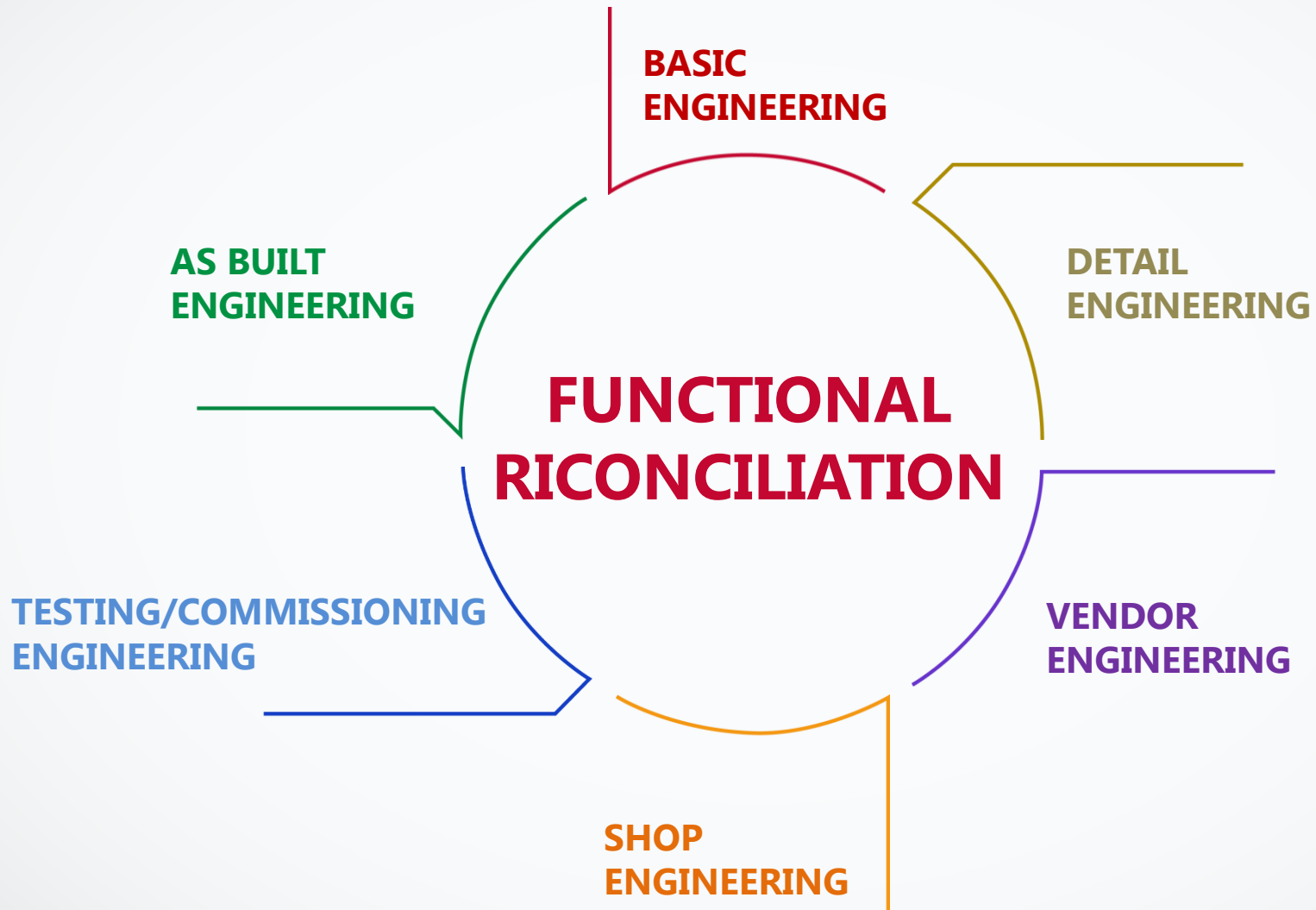


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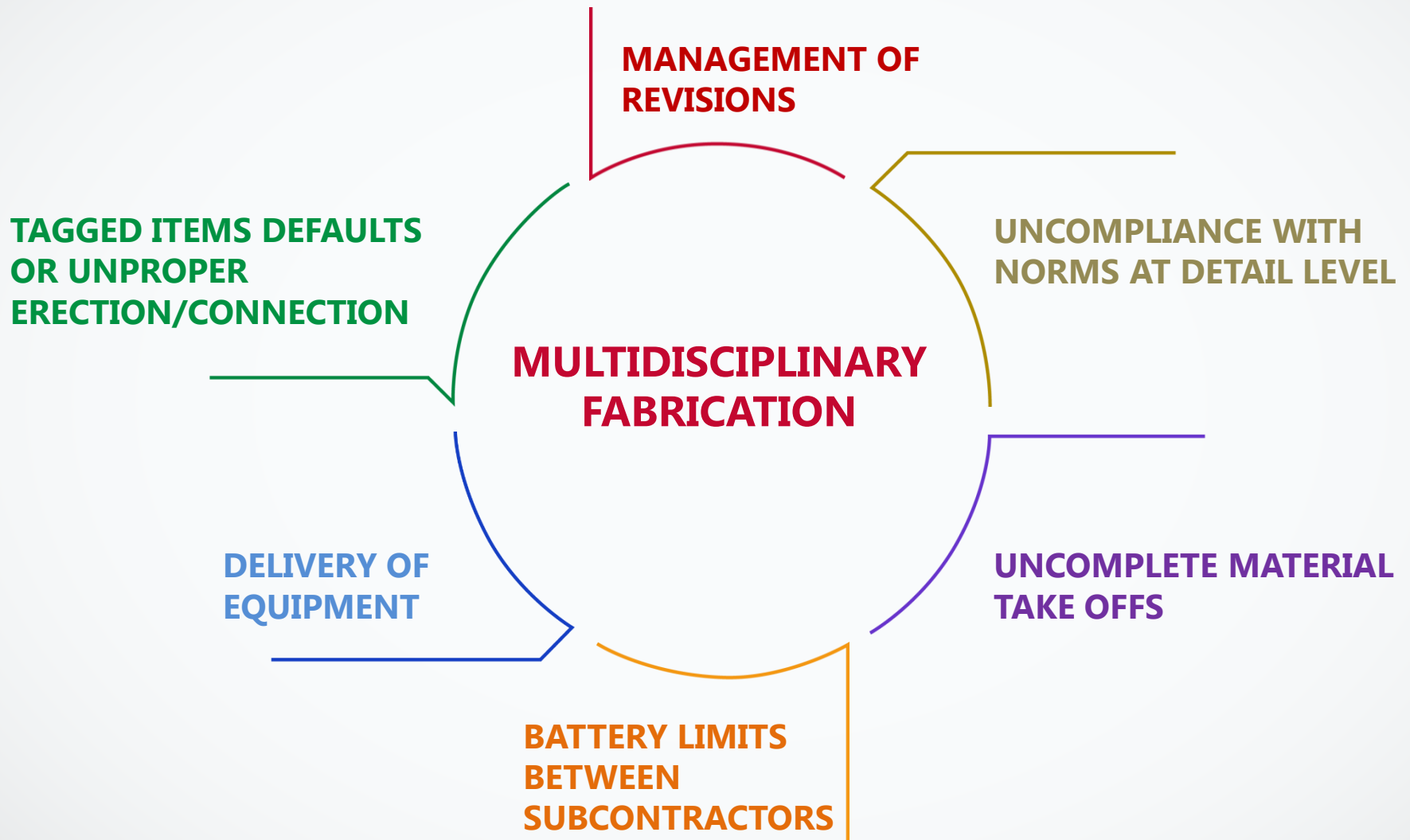
ROOT CAUSES



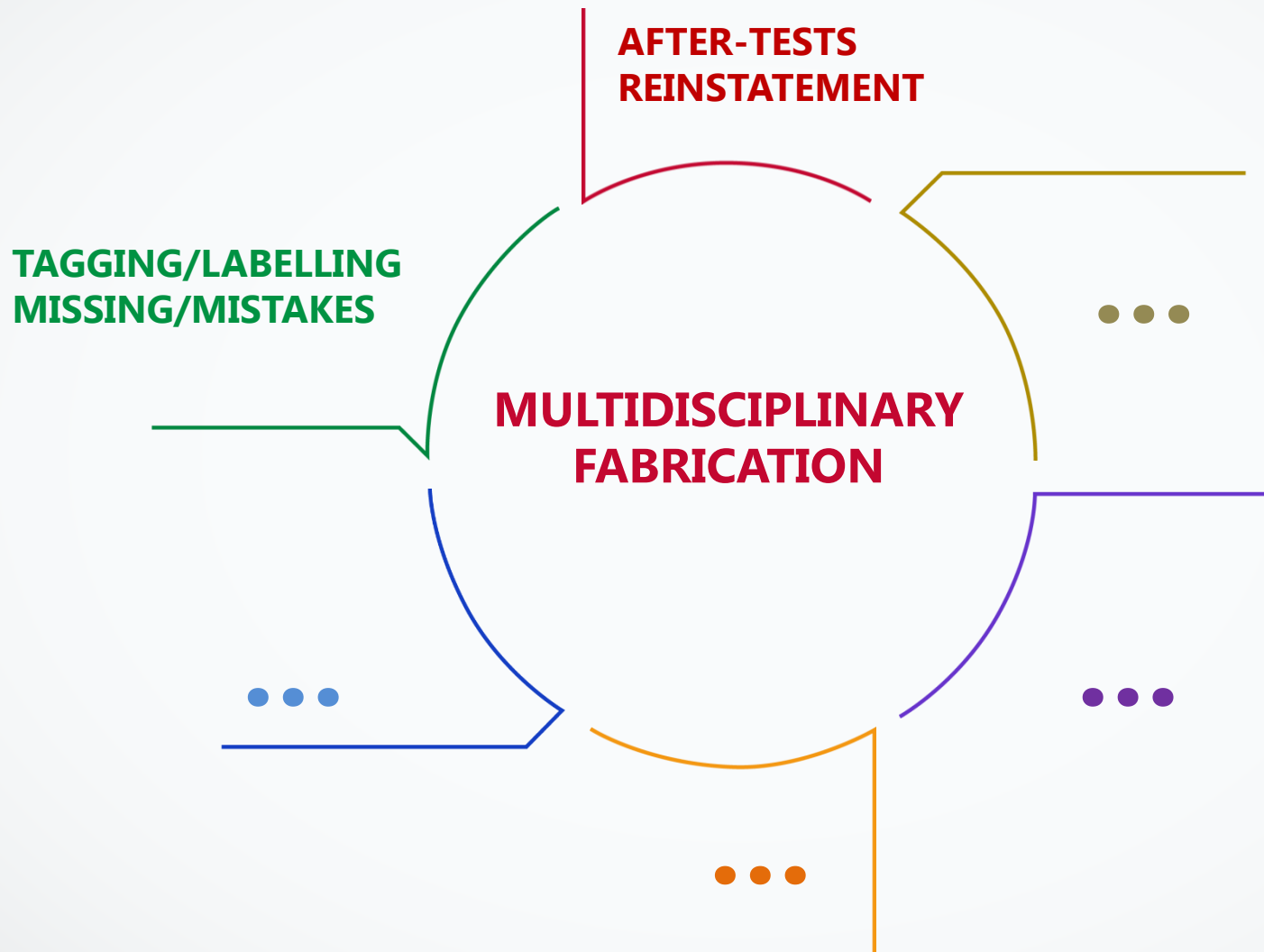
ROOT CAUSES



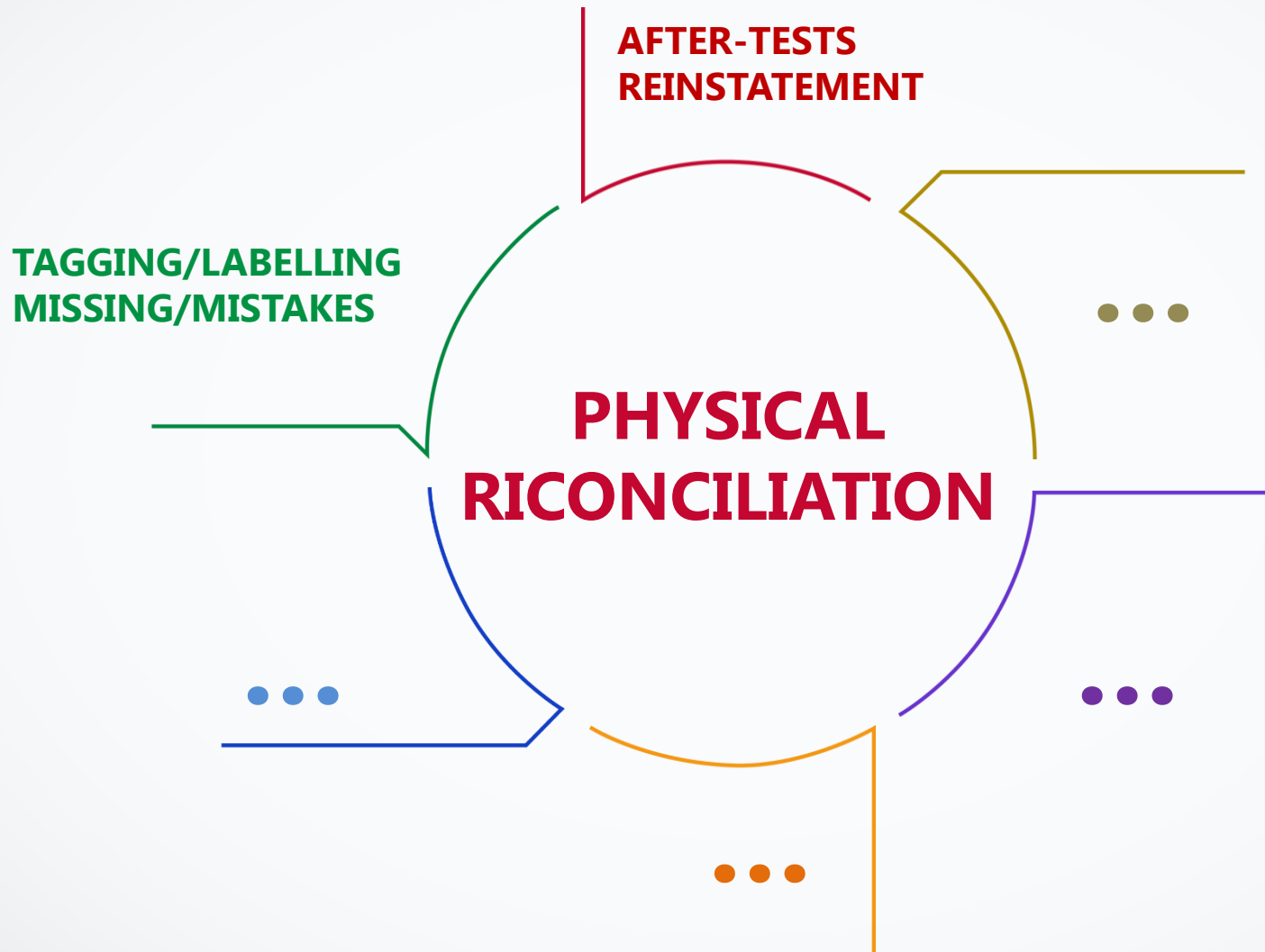
PROBLEM GENERATION



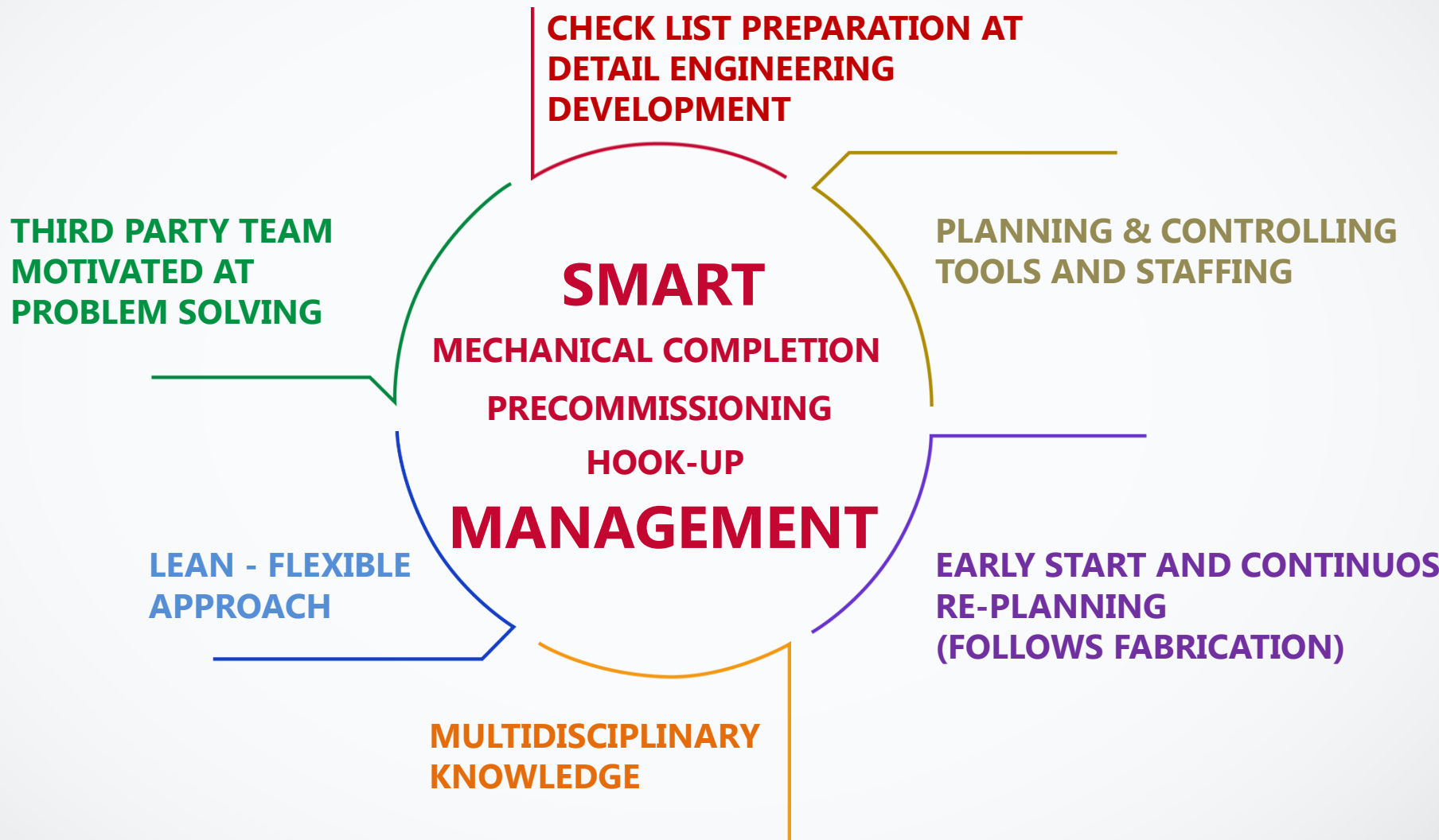
PROBLEM GENERATION



PROBLEM GENERATION



PROBLEM SOLVING



PROBLEM SOLVING



PROBLEM SOLVING IN FIGURES

800

OVERALL SUBSYSTEMS

500 (average)

MC CHECKLISTS SIGNED
PER DAY AT YARD

30 (average)

MC CHECKLISTS SIGNED
PER DAY OFFSHORE

250K

OVERALL CHECKLISTS
AT YARD

25 (average)

SUBSYSTEMS HANDED
OVER
TO COMPANY PER DAY

16 (average)

SUBSYSTEMS HANDED
OVER
TO OPERATIONS PER DAY

2.000

OVERALL CHECKLISTS
OFFSHORE

600 (average)

PURCHLIST (A+B) CLOSED
PER DAY AT YARD

45 (average)

PURCHLIST (A+B) CLOSED
PER DAY OFFSHORE



THANK YOU.

